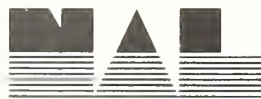


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



National
Agricultural
Library

U.S. Department
of Agriculture
Beltsville, MD
20705

AGRICULTURAL LIBRARIES INFORMATION NOTES

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NAL/NLM
Coverage of
Human Nutrition
Literature and
Related Subjects

By

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The February 1985 issue of ALIN featured an article concerning a cooperative collection development agreement between the National Agricultural Library (NAL) and the National Library of Medicine (NLM) in the field of Veterinary Science. In a similar manner, the two libraries have collaborated in a reassessment of their needs and practices in subjects relating to human nutrition with the same intent - to improve access to information while minimizing undesirable duplication of effort. Again, it was agreed that at the conclusion of this investigation, the libraries would promulgate a joint statement for the benefit of their users concerning the decisions that were made affecting coverage and handling of the subsumed subject areas of this topic. This statement, which follows, is also scheduled to appear in the NLM newsletter, The National Library of Medicine News.

HUMAN NUTRITION AND RELATED SUBJECTS Collection Responsibilities of the National Library of Medicine (NLM) and the National Agricultural Library (NAL)

Both NLM and NAL acquire publications extensively on topics relating to human nutrition and provide information services to individuals working in various areas of the discipline. This overlapping responsibility increases the potential for user confusion regarding the most appropriate source of particular materials or services, for inadvertent gaps in available service, and for unnecessary and expensive duplication of effort. NLM and NAL are reviewing their collections and services with the ultimate goal of making access to nutrition information easier for all interested users. As a first step, the two libraries have reviewed their collection development policies in human nutrition and related subjects and have prepared this joint statement clarifying their respective responsibilities.

Together, NLM and NAL attempt to collect, retain and preserve most significant information on nutrition science; however, many aspects of the subject are collected and treated differently at each institution in accordance with the needs of its users. For the purpose of describing the collection policies in nutrition and related subjects, NLM and NAL defined the field

as consisting of 26 subcategories. A list of these with the general collecting levels for both libraries is in the box below.

**HUMAN NUTRITION and RELATED LITERATURE
at
NLM and NAL**

<u>TOPIC</u>	<u>COLLECTION LEVEL</u>	
	<u>NLM</u>	<u>NAL</u>
Biochemistry of Human Nutrition	Comprehensive (N)*	Comprehensive (N)
Cookery	Out of scope	Basic
Dietetics	Comprehensive (N)	Research
Eating Behavior	Research**	Comprehensive (N)
Food and Food Supply	Out of Scope	Comprehensive (N)
Food and Food Supply in relation to Public Health	Comprehensive (N)	Comprehensive (N)
Food Chemistry	Research	Comprehensive (N)
Food Distribution and Marketing	Out of Scope	Comprehensive (N)
Food Economics	Out of Scope	Comprehensive (N)
Food Microbiology	Comprehensive (N)	Comprehensive (N)
Food Processing and Manufacture	Out of Scope	Comprehensive (N)
Food Production Microbiology	Out of Scope	Comprehensive (N)
Food Preservation and Storage	Out of Scope	Comprehensive (N)
Food Related Disorders	Comprehensive (N)	Research
Food Services in Hospitals, Clinics, Other Health Institutions	Comprehensive (N)	Instructional Support
Food Services for Special Classes of Persons	Out of Scope	Comprehensive (N)
Food Services in For-Profit Institutions	Out of Scope	Instructional Support
Food Toxicology	Comprehensive (N)	Comprehensive (N)
Nutrition Education, General Public	Basic**	Comprehensive (N)
Nutrition Education, Health Professionals	Comprehensive (N)	Instructional Support
Nutrition Education, Patients	Basic**	Research (N)
Nutritional and Metabolic Diseases	Comprehensive (N)	Research
Nutrition and Other Disorders	Comprehensive (N)	Research
Nutrition in Relation to Public Health	Comprehensive (N)	Research
Physiology of Human Nutrition	Comprehensive (N)	Comprehensive (N)
Therapeutic Nutrition	Comprehensive (N)	Research

* = National responsibility

** = Generally English language

In describing the collecting levels, terminology developed by the Research Libraries Group (RLG) and later adopted by the Association for Research Libraries has been used. The RLG definitions for collecting levels are as follows:

Out of Scope Level (0): The library does not collect in this area.

Minimal Level (1): A subject area in which few selections are made beyond very basic works.

Basic Information Level (2): A collection of up-to-date general materials that serve to introduce and define a subject and to indicate the varieties of information available elsewhere. It may include dictionaries, encyclopedias, selected editions, surveys, bibliographies, handbooks, a few major periodicals, in the minimum number that will serve the purpose. A basic information collection is not sufficiently intensive to support any advanced undergraduate or graduate courses or independent study in the subject area involved.

Instructional Support Level (3): A collection that is adequate to support undergraduate and most graduate instruction, or sustained independent study; that is, adequate to maintain knowledge of a subject required for limited or generalized purposes of less than research intensity. It includes a wide range of basic monographs, complete collections of the works of more important writers, selections from the works of secondary writers, a selection of representative journals, and the reference tools and fundamental bibliographical apparatus pertaining to the subject.

Research Level (4): A collection that includes the major published source materials required for dissertations and independent research, including materials containing research reporting new findings, scientific experimental results, and other information useful to researchers. It is intended to include all important reference works and a wide selection of specialized monographs, as well as a very extensive collection of journals and major indexing and abstracting services in the field. Pertinent foreign language materials are included. Older material is retained for historical research.

Comprehensive Level (5): A collection in which a library endeavors, so far as is reasonably possible, to include all significant works of recorded knowledge (publications, manuscripts, other forms), in all applicable languages, for a necessarily defined and limited field. This level of collecting intensity is one that maintains a "special collection"; the aim, if not the achievement, is exhaustiveness. Older material is retained for historical research.

In this statement NAL and NLM have augmented the RLG categories with the concept of national level collection responsibility. When NAL and NLM agree to accept national level collection responsibility for a given subject, they agree to maintain their collections at the stated collection level, provide services nationwide for other research libraries, and preserve the material dealing with the subject indefinitely. This responsibility is assumed by either NLM or NAL for 24 of the 26 areas of nutrition and related sciences. The Library of Congress (LC) assumes national level responsibility for cookery at the research level. Food services in for-profit enterprises are collected at the instructional support level at both LC and NAL.

The collecting policies of NLM and NAL in the field of human nutrition can be summarized as follows:

1. Both NLM and NAL will maintain national level collections in the following subcategories: biochemistry of human nutrition, food and food supply in relation to public health, food microbiology, food toxicology, and the physiology of human nutrition (includes special groups such as infants, aged, etc.)
2. NAL also has national level collection responsibilities in the following subcategories of human nutrition and related subjects: eating behavior, food and food supply, food chemistry, food distribution and marketing, food economics, food

processing and manufacture, food production microbiology (e.g., fermentation technology, etc.). food preservation and storage, food services for special classes of persons (e.g. children, disabled, aged, etc.), nutrition education for the general public, and nutrition education for patients (research level).

NLM will collect primarily in English at the basic information or research level in eating behavior, food chemistry, nutrition education for the general public and nutrition education for patients and will rely upon NAL for meeting the occasional needs of its users for more extensive information on these subjects. NLM will not be responsible for indefinite retention and preservation of these materials. Except for those aspects related to public health, the production, processing, storage and distribution of food are out of scope of NLM and will not be collected.

3. NLM also has national level responsibility in the following subcategories of nutrition and related subjects: dietetics, food related disorders (e.g., addictions, allergies, etc.), food services in hospitals, clinics, and other health institutions, nutrition education for health professionals, nutritional and metabolic diseases (e.g., deficiency diseases, nutrition disorders, appetite disorders), nutrition and other disorders (e.g., diet in the etiology of diseases, nutritional aspects of mental illness, etc.), nutrition in relation to public health, and therapeutic nutrition (e.g., diet therapy, substitute feeding methods).

NAL will maintain its collection at an instructional support to research level and will rely upon NLM for meeting the occasional needs of its users for more extensive information on these subjects. NAL will not be responsible for indefinite retention and preservation of these materials.

This brief summary of the collection practices of NLM and NAL on subjects related to human nutrition serves as a statement of national collection level responsibilities and as a guide for those who wish to utilize the resources of the Libraries for this material. The complete collection development policies of the two libraries should be consulted for more specific information. NLM and NAL together with LC will cooperate to ensure that significant literature in human nutrition is collected, retained, and preserved at the national level and to make this literature accessible to the wide variety of researchers and practitioners throughout the United States.


Rationale for NAL's Coverage

NAL has a strong commitment to provide library and information services and collection enhancement for food and nutrition research, education, and services basic to agricultural science. In the box on page five, some excerpts are quoted from the Agriculture and Food Act of 1981. They indicate the will of the U.S. Congress and provide a clear understanding of the extent to which the Department of Agriculture shall be involved with this subject.

This second agreement between NAL and NLM, to share responsibilities for developing related collections represents another progression in an attempt by the two libraries to enhance services to their users. Through this cooperative project, duplication of effort is minimized except where necessary. Decisions to continue the overlap of collection responsibilities in certain areas did not result from a failure of the two libraries to reach an accord but resulted from mutual recognition of the need for both institutions to collect selected materials concurrently in order to provide effective services in support of their missions and programs.

By identifying areas where duplication is unnecessary and by specifying the limited extent to which some overlap is needed, it is expected that economic gains will accrue.

This would permit resources to be reallocated to subject areas more critical to the interests of either library. NAL materials are available on site to anyone who can come to the Library or through the interlibrary loan process for those who cannot. Requesters who cannot obtain items from local sources or from the land-grant institutions within their states may submit requests directly to NAL with a statement indicating their local unavailability. In the area of human nutrition, if NAL does not own the publication requested and it concerns an aspect of that subject for which NLM has national collection responsibility, NAL will automatically refer the request to NLM.


For more information on requesting materials from NAL, write for a copy of Guide to Services, National Agricultural Library. Address: National Agricultural Library, USDA, Education and Information, Room 203, Beltsville, MD 20705. 

"...the term 'food and agricultural sciences' means basic, applied, and developmental research, extension, and teaching activities in the food... sciences, in the broadest sense of these terms including but not limited to, activities relating to: plant and animal production; the processing, distributing, marketing, and utilization of food and agricultural products; aquaculture; home economics, including consumer affairs; domestic and export market expansion for United States agricultural products...."


"the term 'teaching' means formal classroom instruction, laboratory instruction and practicum experience." - from Agriculture and Food Act of 1981.

LIGHTS, CAMERA, ACTION!



NAL resembles a Hollywood set as camera crews shoot footage for AGRICOLearn--a stand-alone, interactive laser videodisc training course for searching the AGRICOLA database, which will soon be available to users. AGRICOLearn is being developed under a cooperative agreement with the University of Maryland, Center for Instructional Development and Education. Pictured above is professional actor Rodger Frazier as he prepares to play the role of facilitator. 

DEACIDIFICATION

On February 4, Peter Sparks of the Library Congress spoke to the NAL staff in the latest in a series of professional seminars on the subject of deacidification using the diethylzinc method developed by the Preservation Office of the Library of Congress. 



Peter Sparks


SPECIAL COLLECTIONS READING ROOM
DEDICATION AND SYMPOSIUM

"The Heritage of Our Agricultural
Literature: Prologue to the Future"

April 16, 1987

To dedicate its new Special Collections Reading Room on the 14th Floor of the Library in Beltsville, NAL will hold a symposium on the heritage of our agricultural literature on Thursday, April 16. The morning program will include papers on Leonard Fuchs by Dr. Frederick Meyer, Linnaeus and his American contemporaries by Dr. Jim Reveal, recovering an historic garden in Annapolis by Lucy Coggin, American horticultural literature by Elizabeth Woodburn, and agricultural history as seen through the experience of the National Colonial Farm by David Percy.

Afternoon sessions will include papers on oral history by Dr. Douglas Helms, on using cartographic records by Dr. John Garver, and on Gifford Pinchot by Edward Vandermillen. The afternoon session will also include laser video disk demonstrations on Forest Service photographs by William Hauser and cattle ranching in Nevada by Carl Fleischhauer.

The day-long activities will close with the dedication ceremony in the late afternoon with refreshments and live music following. For more information about the program or the speakers, contact Dr. Alan Fusonie, Head, Special Collections, (301) 344-3875. 

I plan to attend:

_____ The Symposium Program (8:00-3:00)
_____ The Dedication Ceremony (3:00-5:00)

NAME: _____

TITLE: _____

ADDRESS: _____

PHONE: () _____

DEADLINE FOR REGISTRATION - APRIL 13, 1987
Phone or Mail your response to: Dr. Alan Fusonie, National Agricultural Library, USDA, Room 1402, Beltsville, MD 20705.
Tel.: (301) 344-3875.

JOSEPH N. SWAB BECOMES ALIN EDITOR


With this issue, Joseph N. Swab assumes the position of editor of Agricultural Libraries

Information Notes.

Maria Pisa, who has been editor for the past 3 years, becomes Assistant to the Chief, Public Services Division, NAL.



Joe has been a member of the NAL staff since 1970. He was appointed head of Collections Maintenance in 1974 and of the Acquisitions Branch in 1984. After being named Assistant to the Chief, Public Services Division, in 1985, he planned and coordinated the move of the 250,000-volume collection previously housed at NAL's D.C. Branch library to the main library at Beltsville, MD. For this service, he received a Certificate of Merit from the U.S. Department of Agriculture.

Mr. Swab holds an MLS from Rutgers University, NJ, an MA in English from the University of Delaware, and a B.S. in Education from Clarion University of Pennsylvania. He held a variety of library and teaching positions in Delaware, Maryland, and Pennsylvania before joining the NAL. 

The Agricultural Libraries Information Notes welcomes ideas, suggestions, and comments for improvement or enhancement of the newsletter. The editorial staff would especially welcome articles or news notes or column items which would be of interest to the readers of ALIN, including but not limited to, materials about databases, information products, and new technology applications in agriculture and related sciences, about libraries and information centers in these fields, about innovative procedures and practices, and about personnel. Please send such materials to Joseph N. Swab, Editor of ALIN, Room 203, National Agricultural Library, Beltsville, Maryland 20705, or call (301) 344-3778.



STAFF UPDATE

JO ANDY RETIRES



Josephine Andy-Wagner

"Friday the 13th! This must be my lucky day," Josephine Andy-Wagner said on the occasion of a February reception held in her honor. With 30 years of Federal service to her credit, all with USDA, Mrs. Andy-Wagner has

retired. She worked for NAL for the past 12 years; the last seven, serving as the Secretary to the Associate Director, Samuel Waters.

Her dedication and hard work have been recognized many times during her career, most recently at the 1986 NAL awards ceremony when Mrs. Andy-Wagner received an award "for sustained superior performance at a level deserving of permanent recognition."

In retirement, Mrs. Andy-Wagner will return more often to her favorite retreat, Morgantown, West Virginia, where she was born, and she said "I definitely want to travel again to Cape Cod and listen to the frogs." Now that Mrs. Andy-Wagner is no longer on a 5-day-a-week, 8:00-to-4:30 schedule, she will be able to play gin rummy until 2:00 a.m. (one of her favorite pastimes), and not have to quit in the middle of a Trivial Pursuit game "that's been known to carry into the 'wee' hours." Her many friends and co-workers were on hand at the reception to wish her well and encourage her to set aside some time to return to NAL for a visit.



ISAAC SAMS RETIRES



Issac Sams

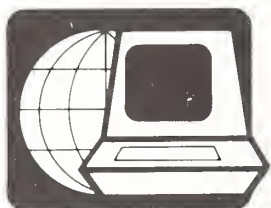
In order to fulfill its mission to serve its users with quality, every library needs key people to maintain its collections with care, an eye for detail and a passion for accuracy, and a willingness to provide service in accordance with the users' needs. Such a key person in NAL for over a quarter of a century was Isaac Sams, who retired

with 30 years of Government service in January.

After recovering from wounds suffered in the Korean War, which had almost caused his death and which left him partially disabled, Isaac joined the library staff in 1958. Most of his career was spent in maintaining collections where he rose to be supervisor of the technical staff in both the bindery and the stacks. Known for the perfection of his quality control in the bindery, Isaac stopped nearly every potential error from appearing in the volumes bound in recent years, and was the recipient of a variety of awards for quality of workmanship and leadership on projects he supervised. His prompt action on several occasions was instrumental in saving the collections or limiting damage caused by natural disasters.

Outside work Mr. Sams has been active in his church where he has served as minister. After retirement he plans to return to school and devote more time to his ministry. On January 9 the library staff and a group of previously retired colleagues gathered for a reception to wish him well in retirement in Camp Springs, Maryland, and good fishing in the Sea Islands of Georgia.





AGRICOLA

AGRICOLA OFFERED ON COMPACT DISC

AGRICOLA, the computerized database of literature citations produced by the National Agricultural Library, is now available on CD-ROM (compact disc-read only memory). AGRICOLA users will find the compact disc version particularly advantageous where frequent use of the database is made and also in remote areas where telecommunications hookups are impractical or impossible. This stand-alone system eliminates the need for online telecommunication linkages and computer-time usage charges. Users receive unlimited access for a fixed fee.

This technology uses compact discs, similar to those currently invading the musical record market, to store vast amounts of data in digital form. A 4 3/4" disc can store up to 250,000 printed pages or 250 large books, or 1,500 floppy disks.

The AGRICOLA disc was developed by the commercial firm, SilverPlatter Information Services, under a non-exclusive agreement from the NAL. It was first introduced at the American Library Association midwinter conference in Chicago in January.

Subscriptions to the CD-ROM version of AGRICOLA are available from the vendor. A subscription to the current disc, containing close to half a million citations to publications from 1983 to the present, costs \$1,750 per year and includes quarterly updates. An archival disc covering the literature from 1979-82 is expected later this year. SilverPlatter is making special promotional offers to early subscribers, and offers half price subscriptions to USDA field libraries.



Announcing the availability of AGRICOLA on CD-ROM are (l-r) Ron Rietdyk of Silver-Platter, Pamela Andre, Chief, Information Systems Div., and NAL Director Joe Howard.

The compact discs run on an IBM PC or compatible with 512KB of memory and a CD-ROM disc drive. Disc drives are available from several manufacturers for approximately \$750. Search capabilities include Boolean, AND, OR, NOT, proximity searches, righthand truncation, free text or field specific searches, and numeric range and limit searches.

The AGRICOLA database has been available online and in magnetic tape form since 1970. The total database now numbers over 2.5 million records. NAL staff and its cooperators regularly scan over 5,000 incoming journal titles for input to the database.

For further information regarding subscriptions contact Christopher Pooley, SilverPlatter Information, Inc., 37 Walnut Street, Wellesley, MA 02181, (617) 239-0306. For information about AGRICOLA contact Gary McCone, Information System Division, 5th Floor, NAL Beltsville, MD 20705 (301) 344-3813.



CHANGE IN SEARCHABLE DATES IN AGRICOLA

DIALOG has been including, where given, the month and day of a publication in the "PY=" field. This information is very useful to someone looking for citations from a particular issue of a Journal. DIALOG made the change some time ago, but it is not generally known. Keep in mind that the selection, PY=1986 includes all 1986 publications, both with and without a month or day date. But the selection, PY=1986 APR does not include April 1986 publications that have a day date.

SERIAL GAPS

As part of the National Agricultural Library's collection maintenance activities and through patron requests, gaps in the national collection are identified. The following volumes are needed to complete collections. We appreciate your donation of these items. If you have questions regarding the program, call Susan Fugate, Leader, Gift and Exchange Program, (301) 344-3737.

Send items to:

National Agricultural Library
Gift and Exchange Program, Room
002G, Beltsville, MD 20705

Lidia.

Vol. 1, pt. 1 & 2, Jan. 1986.
(Agricultural University of Norway,
Dept. of Botany, AS-NLH, Norway).

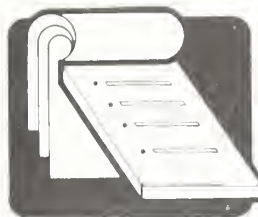
Division of Entomology Technical
Paper. No. 5 (Commonwealth Scientific
and Industrial Research Organization,
Melbourne, Victoria, Australia).

Information Report.

PS-X-67, 73, 74, 1984-1986 (Petawawa
National Forestry Institute, Chalk
River, Ontario).

Information Report.

PI-X-7-8, 11, 23, 47, 48, 50-51,
1984-1986 (Petawawa National Forestry
Institute, Chalk River, Ontario).



NEW SERIALS RECEIVED AT NAL

ARAB JOURNAL OF PLANT PROTECTION. Beirut,
Lebanon, Arab Soc. for Plant Protection.
2/yr. Vol. 3, No. 1 (June 1985)-
SB950.3.A55A7

BIOTECHNOLOGY IN AGRICULTURE AND FORESTRY.
New York, NY, Springer-Verlag. irr. No. 1
(1986)- S494.5.B563B56

CURRENT RESEARCH IN BRITAIN. BIOLOGICAL
SCIENCES. Wetherby, West Yorkshire,
British Library Lending Div. a. 1st ed.
(1985)- QH320.G7C87

DIRECTORY, HISTORICAL AGENCIES IN NORTH
AMERICA. Nashville, TN, Am. Assoc. for
State and Local History. irr. 13th ed.
(1986)- E172.D5

HARROWSMITH. Charlotte, VT, Camden House
Pub. b-m. Vol. 1, No. 1 (Jan./Feb.
1986)- S522.U5H37

JOURNAL OF NANJING AGRICULTURAL UNIVERSITY.
Nan-ching nung yeh ta hsueh. q. No. 1
(1986)- S19.N35

PERSPECTIVES IN ENVIRONMENTAL BOTANY.
Lucknow, India, Print House. irr. Vol. 1.
(1985)- QK751.P472

STUDY PAPER (CONSULTATIVE GROUP ON
INTERNATIONAL AGRICULTURAL RESEARCH).
Washington, D.C., World Bank. irr. No. 1.
(1985)- S540.8.C6S78

SYMBIOSIS. Philadelphia, PA, Balaban
Publishers. q. Vol. 1, No. 1 (July
1985)- QH548.S9

YEAST. New York, NY, Wiley. q. Vol. 1,
No. 1 (Sept. 1985)-

QR151.Y332



RUSSIAN SURPLUS PUBLICATIONS

The following Russian publications are surplus to the needs of the National Agricultural Library's collection. They will be made available to any interested organization that regularly sends free publications to NAL. This includes most federal, land-grant, and agricultural research institutions as well as many others. Listed titles can be requested up to 6 months following announcement.

If interested, please write to:
National Agricultural Library, USDA,
Attn: Gift and Exchange, Room 002,
Beltsville, MD 20705, (enclose a return
addressed label) or call Susan Fugate,
(301) 344-3737.

NOTE: These publications are in
Russian.

Advanced Industries of the Country.
Moskva, 1984.

An Analysis of the Development of
Branches of Animal Husbandry. Moskva,
1973.

Applying Litter-Free Waste as
Fertilizer. Moskva, 1983.

Breeding and Selection of the Hazelnut
and the Giant Filbert. Moskva, 1965.

Coccinellidae of the Ukraine. Kiev,
1954.

Complex Mechanization of Cotton
Harvesting. Moskva, 1982.

The Departure of Migrating Birds from
Estonia from 1967 to 1976. Tartu,
1978.

Ecological and Morphological Research
in Early Ontogenesis of Vertebrates.
Moskva, 1984.

Economic Effectiveness of the Complex
Solution to Agricultural Questions.
Moskva, 1968.

Economic Stimulation Funds on the State
Farms. Moskva, 1974.

Effective Use of Equipment in Agriculture.
Moskva, 1970.

Effectiveness of Economic Methods of
Management in Agriculture. Moskva, 1968.

Effectiveness of Intensifying Production on
Northern European State Farms. Moskva,
1974.

Feed Stuff Yields and the Conversion of
Protein in Animal Husbandry. Tallinn,
1976.

Granulator. Moskva, 1980.

Handbook on Agricultural Planning. Moskva,
1974.

The Influence of Location on the Level of
Management on Collective Farms. Moskva,
1974.

Improving the Yield Quality of Agricultural
Crops. Leningrad, 1973.

More Feed--More Meat and Milk. Ashgabat,
1960.

Organizing the Storage of Machinery on
State and Collective Farms. Moskva, 1974.

Problems of the Agrarian Policy of the
Communist Party of the Soviet Union and the
Virgin Land of Kazakhstan. Moskva, 1974.

Principal Trends in the Development of
Agriculture in the 10th Five-Year Plan.
Moskva, 1976.

The Production of Milk, Meat, and Eggs on
an Industrial Basis. Moskva, 1977.

Results of Plant Introduction in
Byelorussian SSR. Minsk, 1982.

Skilled Personnel in Agriculture. Moskva,
1978.

The Storage and Processing Agricultural
Products. Tallinn, 1979.

Soil Moisture Regime Calculation for Spring
Wheat. Leningrad, 1981.

U.S.A.--Specialized Agriculture. Moskva,
1974.



SURPLUS PUBLICATIONS

The following publications are surplus to the needs of the National Agricultural Library's collection. They will be made available to any interested organization that regularly sends free publications to NAL. This includes most Federal, land-grant, and agricultural research institutions as well as many others. Foreign institutions will need to provide a U.S. mailing address or make other special arrangements with U.S. sources for shipment of material. Listed titles can be requested up to 6 months following announcement.

If interested, please write to:
National Agricultural Library, USDA,
Attn: Gift and Exchange, Room 002,
Beltsville, MD 20705, or call Susan
Fugate, (301) 344-3737.

Journal of Reproduction and Fertility.
Vol. 7-45, 1964-1975. Missing vols.
9 (1), 10(1-2), 1965; 20 (1,3), 1969;
31 (2), 1972; 32 (1), 1973.

Journal of Animal Science. Vol. 44-53,
1977-1981.


HortScience. Vol. 18 (2-6), 1983;
19 (2-6), 1984; 20 (1-6), 1985;
21 (1-5), 1986.

Plant Disease Reporter. Vol. 61
(1-13), 1977; 62 (1-13), 1978; 63
(1-13), 1979.


Plant Disease. Vol. 70 (1-12), 1986.

Analytical Index to Plant Disease
Reporter. 1917-1951.

Weed Abstracts. Vol. 5 (684-739),
(1015-1370), (1424-1872) 1956,
6 (1-2,5-9), 1957.

Annals of the New York Academy of
Sciences.
Vol. 168, Art. 2, 1969; 169, Art. 1,
1970; 283, 286-287, 297-298, 1977;
305, 310, 313, 315, 1978; 317, 320,
1979; 333, 340, 342, 354, 1980. 


INFORMATION TECHNOLOGY INTEREST GROUPS ADDRESSED

Associate Director Sam Waters gave three presentations recently on NAL's work with expert systems, optical discs, and other advanced information technology. He spoke to the Technical Exchange Meeting on January 7 at the Defense Mapping Agency, about the use of artificial intelligence, especially expert systems, in aiding access to large databases stored on optical discs. Attendees were some sixty Federal officials working with or interested in these technologies. On January 15, Mr. Waters also spoke to members of the Information Science and Technology Council during a luncheon meeting at the Library of Congress, focusing on the NAL project to develop expert system knowledge bases to assist in ready reference work. On February 3 and 4, he conducted a two-day course in developing expert or advisory systems utilizing 1st Class software. The participants, 19 NAL management and subject specialists and two visitors, received hands-on experience in initiating systems to serve their own special interest subject needs or project requirements. 



PERMANENT PAPER SYMBOL AVAILABLE FROM NISO

Publishers of works on permanent, acid-free paper are now able to get artwork for this permanent paper symbol from the National

Information Standards Organization (NISO). The Symbol is used to indicate compliance with NISO-developed American National Standard for Permanence of Paper for Printing Library Materials (ANSI Z39.48-1984). A stat sheet containing 83 renditions of the symbol in nine sizes is available for sale for \$5 per sheet from the National Information Standards Organization, P.O. Box 1056, Bethesda, MD 20817. 



NEW PUBLICATIONS OF NOTE

ARCHIVES AND LIBRARY ADMINISTRATION: DIVERGENT TRADITIONS AND CURRENT CONCERNS. January 1987. L. J. McCrank, ed. Professional and technical perspectives on the issues separating and simultaneously joining librarians and archivists. Addresses resource allocation, personnel management, adoption of new technology, cooperation, networking, etc. 184 p. \$24.95. Order from Haworth Press, 12 West 32nd St., New York, NY 10001.

*A BASIC GUIDE TO EXPORTING. Washington, D.C., U.S. Department of Commerce. 1986. Topics discussed include sources and methods of market research in exporting, pricing, quotation, and terms, export product preparation, export regulations, tax incentives, and business travel abroad. 158 p. \$8.50. S/N 003-009-00487-0.

**BOOM AND BUST IN ENERGY EXTRACTION. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. May 1986. (Report No. AGES-860423). 14 p. \$9.95. PB86-197118/XAB.

**CHINA'S COARSE GRAINS: PRODUCTION, AREA, AND YIELD ESTIMATES, 1949-85. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. Sept. 1986. (Report No. AGES-860613). 52 p. \$13.95. PB86-235389/XAB.

**COSTS OF PRODUCING MAJOR CROPS BY STATE AND CROPPING PRACTICE. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. June 1986. (Report No. AGES-860515). 114 p. \$18.95. PB86-210663/XAB.

**ECONOMIC GAINS FROM AGRICULTURAL TRADE: A REVIEW AND BIBLIOGRAPHY. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. July 1986. (Report No. USDA/BLA-48). 48 p. \$11.95. PB86-232394/XAB.

*ECONOMIES OF SIZE IN HOG PRODUCTION. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. Dec. 1985. Discusses inputs and costs, investments in depreciable assets, returns, income taxes, and physical, price, and economic performance measures in the North Central and Southeast regions. 100 p. (Technical Bulletin No. 1712). \$3.50. S/N 001-019-00417-7.

*ENERGY AND U.S. AGRICULTURE: IRRIGATION PUMPING, 1974-83. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. Dec. 1985. Updates 1980 irrigation estimates focusing on 1983 pump-irrigated farmland, prospects for irrigation, and fuel costs. 52 p. (Agricultural Economic Report No. 545). \$1.75. S/N 001-019-00421-5.

*FARM REAL ESTATE: HISTORICAL SERIES DATA, 1950-85. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. Dec. 1985. Historical data on farm numbers, land in farms, and average dollar value of land and buildings (by acre, farm, and total value). 56 p. (Report No. SB-738). \$2.00. S/N 001-019-00434-7.

**FARM SECTOR FINANCIAL PROBLEMS: ANOTHER PERSPECTIVE. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. May 1986. (Report No. USDA/AIB--499). 26 p. \$11.95. PB86-213329/XAB.

**FINANCIAL CONDITION OF AGRICULTURE: AN INCOME ANALYSIS. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. Aug. 1986. (Report No. AGES-860710). 35 p. \$11.95. PB86-241254/XAB.

*Order from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Tel.: (202) 783-3238.

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BOOK REVIEW

Handbook of Northeastern Indian
Medicinal Plants. By James A. Duke,
1986.

Reviewed by Holly H. Shimizu, Curator,
The National Herb Garden, U.S.
National Arboretum.

Jim Duke has made many wonderful contributions to the herb world and his new book is no exception. He has compiled a tremendous amount of specific information on the medicinal plants used by native Americans. Having researched this subject myself for several years, I know how difficult access to this information can be. Had this guide been available earlier, many hours of research on plant uses would have been eliminated.

The bulk of the book is an easy-to-use catalogue of the plants, listed alphabetically by scientific name. One of its values is that it can be used almost as an encyclopedia of native American medicinal plants. The author gives specific information on the tribes and their uses of the plants. Each piece of information is documented by references listed in the back. Also included are an Index of Common Names as well as a Generic Index to Ailments. Accompanying the concise information are excellent botanical drawings, some by Jim Duke's talented botanical illustrator wife, Peggy Duke.

I am sure this book will remain in close reach as a handy reference. It is with great enthusiasm that I recommend it to anyone with an interest in useful plants.

Available from: Quarterman
Publications, Inc., P.O. Box 156,
Lincoln, MA 01773. Price: \$30.00



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The Associates of the National Agricultural Library, Inc. is currently accepting nominations for outstanding individuals in the agricultural library community. Special awards in three categories will be presented at the organization's annual meeting in July 1987. The three award categories are:

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April 7-8: BCC CONFERENCE ON COMMERCIAL BIOTECHNOLOGY. Stamford, CT, Crowne Plaza Hotel. Contact: Business Communications Co., Inc., 25 Van Zant St., Norwalk, CT 06855. Tel.: (203) 853-4266.

April 10: ACE/OGPA COMMUNICATIONS WORKSHOP. Washington, DC, Capitol Holiday Inn. Contact: Denver Browning, USDA, Room 536-A, 14th & Independence Ave., S.W., Washington, D.C. 20250.

April 22-24: COUNCIL ON BOTANICAL AND HORTICULTURAL LIBRARIES ANNUAL CONFERENCE. Chapel Hill, NC. Contact: Bill Burk, 301 Coker Hall 010-A, University of North Carolina, Chapel Hill, NC 27514. Tel.: (919) 962-3783.

April 27-29: THE ROLE OF LEGUMES IN CONSERVATION TILLAGE SYSTEMS--A NATIONAL CONFERENCE. Athens, GA, Georgia Center for Continuing Education, University of Georgia. Contact: Soil Conservation Society of America, 7515 N.E. Ankeny Rd., Ankeny, IA 50021. Tel.: (515) 289-2331.

April 28-30: FLICC/FEDLINK REGIONAL LIBRARY WORKSHOP IN ACCESSING FEDERAL DATABASES. Seattle, WA. Contact: Lori MacCurdy, Library of Congress, Washington, D.C. 20540. Tel.: (202) 287-1380.

April 29-May 1: NATIONAL FOOD AND AGRICULTURAL EXPOSITION. Seattle, WA, Seattle Center. Co-sponsored by NASDA and USDA's Foreign Agriculture Service. Contact: National Association of State Departments of Agriculture. Tel.: (202) 628-1566.

May 3-5: LIBRARIANS AND INTERNATIONAL DEVELOPMENT. Pullman, WA, Washington State University. Contact: Mary Nofsinger, Holland Library, Washington

State University, Pullman, WA
99164-5610. Tel.: (509) 335-2691

May 3-7: XII. BIOMECHANISMS REGULATING GROWTH AND DEVELOPMENT: KEYS TO PROGRESS. Beltsville Symposia in Agricultural Research. Beltsville, MD, USDA Auditorium, Building 003. Contact: BARC XII Symposium Office. Tel.: (301) 344-2506.

May 4-8: WORLD AVOCADO CONGRESS. Pretoria, Republic of South Africa, CSIR Conference Centre. Contact: The Symposium Secretariat, S.383, CSIR, P. O. Box 395, Pretoria, 0001, Republic of South Africa.

May 15-21: MEDICAL LIBRARY ASSOCIATION 87th ANNUAL MEETING. Portland, OR, Memorial Coliseum. Contact: Estella L. Smith, Medical Library Association, 919 North Michigan Ave., Suite 3208, Chicago, IL 60611. Tel.: (312) 266-2456.

May 17-20: 16th MID-YEAR MEETING, AMERICAN SOCIETY FOR INFORMATION SCIENCE (ASIS). Kings Island, OH, Kings Island Inn & Conference Center. Contact: ASIS Mid-Year Meeting, 1424 16th St., N.W., Washington, D.C. Tel.: (202) 462-1000.

June 6-11: SPECIAL LIBRARIES ASSOCIATION 78th ANNUAL CONFERENCE. Anaheim, CA, Anaheim Convention Center. Contact: SLA, 1700 18th St., N.W., Washington, D.C. 20009. Tel.: (202) 234-4700.

June 14-19: AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS. St. Louis, MO, Washington University. Contact: American Society of Plant Physiologists, 15501 Monora Dr., Rockville, MD 20855. Tel.: (301) 251-0560.

June 17-19: DEVELOPMENT OF EFFECTIVE INTERACTIVE INSTRUCTION MATERIALS THIRD ANNUAL CONFERENCE. Stamford, CT. Contact: Society for Applied Learning Technology, 50 Culpeper St., Warrenton, VA 22186. Tel.: (703) 347-0055.

June 21-25: INTERNATIONAL CONFERENCE ON GENETIC MANIPULATION OF WOODY PLANTS. East Lansing, MI, Michigan State University. Contact: James W. Hanover, Department of Forestry, Michigan State University, East Lansing, MI 48824-1222.

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June 27-July 2: AMERICAN LIBRARY
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San Francisco, CA, Moscone Convention
Center. Contact: ALA, Conference
Manager, 50 E. Huron St., Chicago, IL
60611. Tel.: (312) 944-6780.

July 13-17: 8th INTER-AMERICAN MEETING
OF AGRICULTURAL LIBRARIANS AND
DOCUMENTALISTS. Guatemala City,
Guatemala, Camara de Industria
Auditorium. Contact: Ing. Roberto
Yurrita, Presidente, Comité Organizador
8a. RIBDA, Coordinador SNIAG/USPADA, Via
2, 4-34 "B", Zona 4, Guatemala, C.A.

July 20-23: AMERICAN VETERINARY MEDICAL
ASSOCIATION 12th ANNUAL MEETING.
Chicago, IL, Hyatt Regency. Contact:
AVMA, 930 N. Meacham Rd., Schaumburg, IL
60196-1074. Tel.: (312) 885-8070.

August 2-5: SOIL CONSERVATION SOCIETY
OF AMERICA 42nd ANNUAL MEETING.
Billings, MT. Contact: Jim Sanders,
SCSA, 7515 Northeast Ankeny Rd.,
Ankeny, IA 50021. Tel.: (515)
289-2331.

August 2-6: AMERICAN PHYTOPATHOLOGICAL
SOCIETY. Cincinnati, OH. Contact:
American Phytopathological Society, 3340
Pilot Knob Rd., St. Paul, MN 55121.
Tel.: (612) 454-7250.

August 9-13: 38th ANNUAL AIBS MEETING.
Columbus, OH, Ohio State University.
Contact: American Institute of
Biological Sciences, 730 11th St., N.W.,
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